

Abstract of the Disclosure

A sealing device has an encoder incorporated therein, and includes a combination of seal elements (3, 2), each of which includes an annular metal core (31, 21) having a substantially L-shaped cross section having a cylindrical portion (31a, 21a) and a flange portion (31b, 21b) provided on one end of the cylindrical portion (31a, 21a) and extending in the direction perpendicular to the direction in which the cylindrical portion (31a, 21a) extends. A first seal element (3) of the two seal elements (3, 2) and the second seal element (2) are combined together such that the space defined by the cylindrical portion (31a) and flange portion (31b) of the first seal element (3) and the space defined by the cylindrical portion (21a) and flange portion (31b) of the second seal element (2) face each other. The first seal element (3) further includes an elastic seal portion (6) provided on the flange portion (31b) and disposed in the space defined by the cylindrical portion (31a) and flange portion (31b), and the second seal element (2) further includes a magnet-based encoder (1) provided on the flange portion (21b). A coating layer (8, 7) is provided on the side (31c) of the first seal element (3) opposite the side on which the first seal element (3) is combined with (faces) the second seal element (2), or on the side (1a) of the second seal element (2) opposite the side on which the second seal element (2) is combined with (faces) the first seal element (3), or on both of the sides (31c) and (1a).